

\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 17:00:39 ON 17 JAN 2005

=> s trifluoropropylsiloxane

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file .bio

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

0.63

0.63

FILE 'CAPLUS' ENTERED AT 17:02:33 ON 17 JAN 2005

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FILE 'BIOSIS' ENTERED AT 17:02:33 ON 17 JAN 2005

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FILE 'MEDLINE' ENTERED AT 17:02:33 ON 17 JAN 2005

FILE 'EMBASE' ENTERED AT 17:02:33 ON 17 JAN 2005

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=> s trifluoropropylsiloxane

L1 67 TRIFLUOROPROPYLSILOXANE

=> s dimethylpolysiloxane

L2 3982 DIMETHYLPOLYSILOXANE

=> L1 and L2

L3 8 L1 AND L2

=> d ibib abs 1-8

L3 ANSWER 1 OF 8

MEDLINE on STN

ACCESSION NUMBER: 97206684 MEDLINE

DOCUMENT NUMBER: PubMed ID: 9124090

TITLE: Emulsification experiments with dimethylsiloxane/phenylmethylsiloxane copolymer.

AUTHOR: Ikeda T; Nakamura K; Sakagami K; Iwahashi H; Sugimoto K; Matsuda T; Tano Y

CORPORATE SOURCE: Department of Ophthalmology, Kyoto Prefecture University of

Medicine, Japan.

SOURCE: Nippon Ganka Gakkai zasshi, (1997 Feb) 101 (2) 111-7.

Journal code: 7505716. ISSN: 0029-0203.

PUB. COUNTRY: Japan

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)

LANGUAGE: Japanese

FILE SEGMENT: Priority Journals

ENTRY MONTH: 199704

ENTRY DATE: Entered STN: 19970506

Last Updated on STN: 19980206

Entered Medline: 19970418

transient iritis, seen in 5 out of 21 cases. A suspected side-effect after longer-term observation (mean 19 weeks) was that the oil promoted PVR. Out of 4 histologically studied membranes which proliferated under the oil, phagocytosis and foreign body reaction to the oil were found in one of the specimens. No retinal damage due to the oil could be detected by electroretinography. As an intraoperative aid, fluorosilicone oil is thoroughly to be recommended. If a long-term tamponade is essential, the fluorosilicone oil should be replaced with low-density silicone oil (dimethylsiloxane) after a few weeks.

L3 ANSWER 8 OF 8 MEDLINE on STN  
 ACCESSION NUMBER: 86268486 MEDLINE  
 DOCUMENT NUMBER: PubMed ID: 3729774  
 TITLE: Fluorinated oils as experimental vitreous substitutes.  
 AUTHOR: Miyamoto K; Refojo M F; Tolentino F I; Fournier G A; Albert  
 CONTRACT NUMBER: D M  
 SOURCE: EY-00327 (NEI)  
 Archives of ophthalmology, (1986 Jul) 104 (7) 1053-6.  
 Journal code: 7706534. ISSN: 0003-9950.  
 PUB. COUNTRY: United States  
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)  
 LANGUAGE: English  
 FILE SEGMENT: Abridged Index Medicus Journals; Priority Journals  
 ENTRY MONTH: 198608  
 ENTRY DATE: Entered STN: 19900321  
 Last Updated on STN: 19970203  
 Entered Medline: 19860804

AB Two kinds of fluorinated oils (a fluorosilicone oil and a perfluoroether [Freon E15]) that have a higher density than water were evaluated as long-term vitreous substitutes. Vitreous compression using perfluoropropane gas was performed to create a space for the vitreous substitute in rabbit eyes. Two fluorosilicone oils (1000 and 10 000 centistokes) induced edema of the inner retinal layers and occasionally of the outer retinal layers regardless of viscosity or period of observation up to six months, but they were well tolerated clinically. Control eyes injected with silicone oils of comparable viscosities showed similar histopathologic findings. Freon E15 induced formation of bubbles and precipitates by one month after injection, and retinal disorganization, formation of preretinal membranes, and tractional retinal detachment by six months. Thus, Freon E15 proved to be unsuitable, but fluorosilicone oil is a possible high-density vitreous substitute.

=> s diphenylsiloxane  
 L4 394 DIPHENYLSILOXANE

=> s modified  
 L5 999871 MODIFIED

=> L4 and L5  
 L6 25 L4 AND L5

=> d ibib abs 1-25

L6 ANSWER 1 OF 25 CAPLUS COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 2004:470342 CAPLUS  
 DOCUMENT NUMBER: 141:24964  
 TITLE: Hydrophilic polyorganosiloxane composition and use

FILE 'CAPLUS, BIOSIS, MEDLINE, EMBASE' ENTERED AT 19:04:19 ON 17 JAN 2005

L1 0 S MED WITH 10-6400  
L2 1 S MED WITH 10-6600  
L3 0 S MED WITH 12-6400  
L4 0 S 12-6600  
L5 71 S TRIFLUOROPROPYL WITH POLYSILOXANE  
L6 2 L5 AND (CATHETER OR TUBE OR TUBING)  
L7 19 S DIPHENYL WITH POLYSILOXANE  
L8 95481 SILOXANE

Lam 09/733161

PH/OBI OR PHENYL/OBI OR FLUORO?/OBI OR TRIFLUORO?/OBI)  
L18 65 SEA FILE=HCAPLUS ABB=ON PLU=ON L17 AND L11  
L19 13 SEA FILE=HCAPLUS ABB=ON PLU=ON L18 AND L15  
L20 35 SEA FILE=HCAPLUS ABB=ON PLU=ON L16 OR L19  
L21 3 SEA FILE=HCAPLUS ABB=ON PLU=ON L12 AND FEED?/OBI (L)  
TUBE#/OBI  
L22 1066 SEA FILE=HCAPLUS ABB=ON PLU=ON L11 (L) TUBE#/OBI  
L23 109 SEA FILE=HCAPLUS ABB=ON PLU=ON L22 AND L8  
L24 7 SEA FILE=HCAPLUS ABB=ON PLU=ON L23 AND (FEED?/OBI OR  
GASTRO?/OBI OR ENTER?/OBI)  
L25 41 SEA FILE=HCAPLUS ABB=ON PLU=ON L20 OR L21 OR L24

=> d .ca l25 1-41

THE ESTIMATED COST FOR THIS REQUEST IS 121.77 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L25 ANSWER 1 OF 41 HCAPLUS COPYRIGHT 2005 ACS on STN.  
ACCESSION NUMBER: 2004:936129 HCAPLUS  
DOCUMENT NUMBER: 141:370648  
TITLE: Polymeric medical device with  
antimicrobial layer  
INVENTOR(S): Martens, Paul W.; Nieto, Robert L.; Virag, Robert  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ., 10 pp.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004220534	A1	20041104	US 2003-425030	20030429
WO 2004096330	A2	20041111	WO 2004-US13196	20040429
WO 2004096330	A3	20050106		

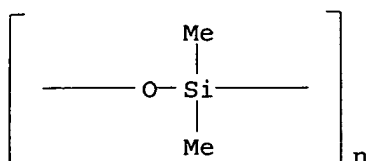
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,  
CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,  
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,  
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,  
NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,  
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW  
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,  
AE, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,  
EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,  
SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,  
SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-425030 A 20030429

ED Entered STN: 06 Nov 2004

AB A medical device includes a conduit for a fluid. The conduit has a wall formed of a hydrophobic polymer with a hydrophilic polymer layer extruded over it, and an antimicrobial substantially dispersed within the hydrophilic polymer. The antimicrobial compound may be a predetd. amount of phosphorus-based glass having a predetd. quantity of a metal such as silver substantially dispersed therein. The medical device may be an endotracheal tube made by providing a hydrophobic polymer, a hydrophilic polymer and an antimicrobial compound, forming the hydrophobic polymer, the hydrophilic polymer and the antimicrobial compound into a conduit, and forming a cuff on an end of the conduit.

IC ICM A61M029-00



10232 REFERENCES IN FILE CA (1907 TO DATE)  
 1315 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 10284 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 14:39:56 ON 27 JAN 2005

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FILE COVERS 1907 - 27 Jan 2005 VOL 142 ISS 5  
 FILE LAST UPDATED: 26 Jan 2005 (20050126/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

'OBI' IS DEFAULT SEARCH FIELD FOR 'HCAPLUS' FILE

=> d.que 125

L1	(	1)SEA	FILE=REGISTRY	ABB=ON	PLU=ON	DIPHENYLSILOXANE/CN
L2	(	1)SEA	FILE=REGISTRY	ABB=ON	PLU=ON	DIMETHYLPOLYSILOXANE/CN
L3	(	1)SEA	FILE=REGISTRY	ABB=ON	PLU=ON	"MED 10-6600"/CN
L4	(	1)SEA	FILE=REGISTRY	ABB=ON	PLU=ON	SILOXANE-FLUOROPOLYMERS/CN
L5		4	SEA	FILE=REGISTRY	ABB=ON	PLU=ON (L1 OR L2 OR L3 OR L4)
L6		54839	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON "SILOXANES AND SILICONES"/CT
L7		47670	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON POLYSILOXANES/CT
L8		102509	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L6 OR L7
L9		29825	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON MEDICAL/OBI (L) (GOOD#/OBI OR DEVICE#/OBI)
L10		30757	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON "PROSTHETIC MATERIALS AND PROSTHETICS"/CT
L11		56347	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L9 OR L10
L12		2084	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L11 AND L8
L13		10365	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L5
L14		220	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L13 AND L12
L15		146126	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON (STENT#/OBI OR CATHETER#/OBI OR TUBE#/OBI OR CANNULA#/OBI OR TROCAR/OBI)
L16		23	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L15 AND L14
L17		6635	SEA	FILE=HCAPLUS	ABB=ON	PLU=ON L8 (L) (DIPHENYL/OBI OR

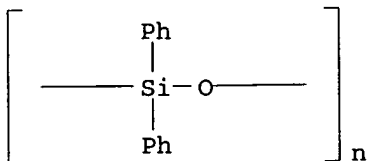
CN BY 22-007  
 CN BY 22-060  
 CN BY 22-064  
 CN BY 22-077  
 CN BY 27-003  
 CN BY 27-007  
 CN BY 27-111  
 CN CF 1241  
 CN Chaline Buruba 520C  
 CN Chiroflex C 11UB  
 CN CoatOSil 3500  
 CN CoatOSil 3501  
 CN **Dimethylpolysiloxane**

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 12619-98-6, 12620-09-6, 12680-27-2, 12680-28-3, 9049-10-9, 9063-73-4,  
 9087-48-3, 9087-49-4, 53239-64-8, 54351-38-1, 54351-90-5, 58391-68-7,  
 56730-54-2, 57486-07-4, 57679-15-9, 123243-00-5, 123515-75-3, 60440-54-2,  
 51569-26-7, 51888-90-5, 51910-51-1, 60842-63-9, 37200-44-5, 37221-89-9,  
 37340-53-7, 141093-32-5, 90250-23-0, 39457-57-3, 39476-41-0, 52232-96-9,  
 52622-98-7, 53125-20-5, 109946-28-3, 110616-98-3, 118731-39-8,  
 231934-55-7, 247174-77-2, 387334-72-7, 387334-73-8, 387334-74-9,  
 444348-83-8  
 MF (C2 H6 O Si)n  
 CI PMS, COM  
 PCT Polyother, Polyother only  
 SR GenBank  
 LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS, CA, CAPLUS,  
 CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSChem, CSNB, ENCOMPLIT,  
 ENCOMPLIT2, ENCOMPAT, ENCOMPAT2, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
 MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER, ULIDAT, USPAT2,  
 USPATFULL  
 (\*File contains numerically searchable property data)  
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent;  
 Preprint; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU  
 (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
 (Reactant or reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
 study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP  
 (Properties); RACT (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); CMBI (Combinatorial study); FORM (Formation, nonpreparative);  
 MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC  
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
 NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
 study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC  
 (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process);  
 PRP (Properties); RACT (Reactant or reagent); USES (Uses)

**\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\***

\*\*RELATED POLYMERS AVAILABLE WITH POLYLINK\*\*



152 REFERENCES IN FILE CA (1907 TO DATE)

15 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

156 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L5 ANSWER 4 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 9016-00-6 REGISTRY  
 CN Poly[oxy(dimethylsilylene)] (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:

CN 401N  
 CN A 50  
 CN A 50 (silicone)  
 CN A 80R  
 CN Accuglass 210  
 CN Accuglass 211  
 CN Accuglass 305  
 CN AF 60  
 CN AF 60 (siloxane)  
 CN AF 72  
 CN AF 75  
 CN AF 9000  
 CN AK 100  
 CN AK 100 (silicone)  
 CN AK 300000  
 CN AK 50  
 CN AK 50 (siloxane)  
 CN AK 500  
 CN AK 5000  
 CN AK 750  
 CN Akvastop  
 CN Antaphron NM 42  
 CN Antifoam FD 62  
 CN Antifoam FG 10  
 CN Antifoam M 30  
 CN Aquasil E  
 CN ASI 100 Methyl  
 CN ASP 3  
 CN ASP 3 (silicone)  
 CN AV 1000  
 CN B 160-40  
 CN Barrel Silicone M 1000  
 CN Baysilone M 50EL  
 CN Baysilone MA  
 CN Baysilone OEL  
 CN BIO-PSA Q 7-4301  
 CN BW 400  
 CN BY 16-801

CN K 333  
 CN K 333 (silicone)  
 CN **MED 10-6600**  
 CN Mirasil DPDM  
 CN OV 35  
 CN OV 5  
 CN PhacoFlex SI 40NB  
 CN PS 089  
 CN PS 090  
 CN PSA 518  
 CN PSA 6574  
 CN SF 1153  
 CN SF 1154  
 CN SF 1179  
 CN SF 1265  
 CN Silicones, di-Me, di-Ph  
 CN Siloxanes and Silicones, dimethyldiphenyl  
 CN Siloxanes, di-Me, di-Ph  
 CN SPB 50  
 CN SPB 50 (siloxane)  
 CN SR 574  
 CN X 32-1195  
 CN X 62-9201B  
 CN XTI 5  
 MF Unspecified  
 CI PMS, MAN, CTS  
 PCT Manual registration  
 LC STN Files: CHEMCATS, CHEMLIST, CIN, CSCHEM, MSDS-OHS, PROMT, RTECS\*,  
 TOXCENTER  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

L5 ANSWER 3 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN  
 RN 32129-24-1 REGISTRY  
 CN Poly[oxy(diphenylsilylene)] (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN Diphenyldichlorosilane hydrolytic homopolymer, SRU  
 CN Diphenylsilanediol homopolymer, sru  
 CN Diphenylsilanediol polymer, sru  
 CN **Diphenylsiloxane**  
 CN Hexaphenylcyclotrisiloxane homopolymer, sru  
 CN Poly(diphenylsiloxane)  
 CN Poly(diphenylsiloxane), SRU  
 MF (C12 H10 O Si)n  
 CI PMS, COM  
 PCT Polyother, Polyother only  
 LC STN Files: BIOSIS, CA, CAPLUS, CHEMLIST, TOXCENTER, USPAT2, USPATFULL  
 DT.CA Caplus document type: Conference; Journal; Patent  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)  
 RLD.P Roles for non-specific derivatives from patents: BIOL (Biological  
 study); PREP (Preparation); PROC (Process); PRP (Properties); RACT  
 (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP  
 (Properties); RACT (Reactant or reagent); USES (Uses)



CN FL 50 (siloxane)  
CN FL 50-50CS  
CN FLS 300  
CN Fluorine-contg. polysiloxanes  
CN Fluorine-contg. silicones  
CN Fluoropolymer-polysiloxanes  
CN Fluorosyl FSD 2500  
CN Fluorosyl FSD 4500  
CN FPD 6131  
CN FQF 501-1000  
CN FRX 413  
CN FS 1256  
CN FS 2265  
CN FS 303  
CN Geranex SW 1  
CN GH 100  
CN Ishinol KW 11  
CN JTA 105A  
CN KL 100  
CN KL 100 (siloxane)  
CN KL 100-1000CS  
CN KP 880  
CN KSP 200  
CN Nuva 4190  
CN Nuva LE  
CN Opstar JTA 105  
CN Opstar JTA 105A  
CN Q 5-8601  
CN Silotex 3062  
CN **Siloxane-fluoropolymers**  
CN Siloxanes, fluorine-contg.  
CN Siloxanes-fluoropolymers

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT - Use FCN, FIDE, or ALL for  
DISPLAY

DR 62712-03-2, 152742-92-2  
MF Unspecified  
CI MAN, CTS  
SR CA

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

L5 ANSWER 2 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 68083-14-7 REGISTRY \*

\* Use of this CAS Registry Number alone as a search term in other STN files may  
result in incomplete search results. For additional information, enter HELP  
RN\* at an online arrow prompt (=>).

CN Siloxanes and Silicones, di-Me, di-Ph (CA INDEX NAME)  
OTHER CA INDEX NAMES:

CN Polysiloxanes, di-Me, di-Ph

OTHER NAMES:

CN CF 1142  
CN CR 524B  
CN CV 1144-0  
CN DC 510/50  
CN Di-Me di-Ph siloxanes and silicones  
CN Di-Me, di-Ph siloxanes  
CN Dimethyldiphenyl siloxanes and silicones  
CN Dimethylsiloxane di-Ph siloxane copolymer  
CN Diphenyl dimethicone  
CN GE-SR 574

=> fil reg

FILE 'REGISTRY' ENTERED AT 14:39:46 ON 27 JAN 2005  
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Property values tagged with IC are from the ZIC/VINITI data file  
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STRUCTURE FILE UPDATES: 26 JAN 2005 HIGHEST RN 820958-11-0  
DICTIONARY FILE UPDATES: 26 JAN 2005 HIGHEST RN 820958-11-0

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d que 15

L1 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	DIPHENYLSILOXANE/CN
L2 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	DIMETHYLPOLYSILOXANE/CN
L3 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	"MED 10-6600"/CN
L4 (	1)SEA FILE=REGISTRY ABB=ON	PLU=ON	SILOXANE-FLUOROPOLYMERS/CN
L5	4 SEA FILE=REGISTRY ABB=ON	PLU=ON	(L1 OR L2 OR L3 OR L4)

=> d 15 1-5

L5 ANSWER 1 OF 4 REGISTRY COPYRIGHT 2005 ACS on STN  
RN 125857-35-4 REGISTRY \*

\* Use of this CAS Registry Number alone as a search term in other STN files may  
result in incomplete search results. For additional information, enter HELP  
RN\* at an online arrow prompt (=>).

CN Polysiloxanes, fluorine-contg. (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Fluoropolymers, polysiloxane-

CN Fluoropolymers, siloxane-

CN Siloxanes and Silicones, fluorine-contg.

OTHER NAMES:

CN Antifoam 1400

CN Antifoam 7

CN AO 40H

CN BY 24-900

CN Dow Antifoam 1400

CN Dow Corning 94003

CN Elastosil E 113F

CN FA 600

CN FC 100

CN FC 100 (siloxane)

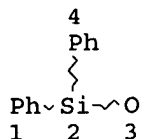
CN FL 100

CN FL 100-100

CN FL 100-100CS

CN FL 5

CN FL 50



NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 4

STEREO ATTRIBUTES: NONE

L27 52600 SEA FILE=REGISTRY SSS FUL L25  
 L28 20501 SEA FILE=REGISTRY ABB=ON PLU=ON L24 OR L20  
 L33 573 SEA FILE=HCAPLUS ABB=ON PLU=ON ?TRIFLUOROPROPYL?(2A)?SILOXAN?  
 L34 16884 SEA FILE=HCAPLUS ABB=ON PLU=ON DIMETHYL(2A)(SILOXAN? OR  
 POLYSILOXAN?) OR DIMETHYLSILOXANE OR DIMETHYLPOLYSILOX?  
 L35 540 SEA FILE=HCAPLUS ABB=ON PLU=ON DIPHENYLSILOX? OR DIPHENYL  
 SILOX? OR DIPHENYLPOLYSILOX? OR DIPHENYL POLYSILOX?  
 L39 5957 SEA FILE=HCAPLUS ABB=ON PLU=ON FEEDING APPARATUS+PFT/CT  
 L41 34584 SEA FILE=HCAPLUS ABB=ON PLU=ON MEDICAL GOODS+PFT,NT/CT  
 L42 3014 SEA FILE=HCAPLUS ABB=ON PLU=ON "MEDICAL GOODS (L) CATHETERS"+  
 PFT/CT  
 L47 2393 SEA FILE=HCAPLUS ABB=ON PLU=ON (L28 OR L34) AND ((L15 OR L33  
 OR TRIFLUOROPROPYLSILOX? OR TRIFLUOROPOLYSILOX? OR L27 OR  
 L35))  
 L48 23 SEA FILE=HCAPLUS ABB=ON PLU=ON L47 AND ((L39 OR L41 OR L42)  
 OR FEEDING OR CATHETER OR FEED?(2A)(TUBE OR DEVICE OR APPARAT?)  
 )

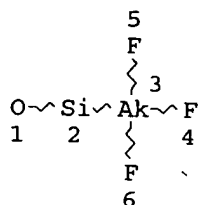
=> d 148 ibib abs hitind hitstr 1-23

L48 ANSWER 1 OF 23 HCAPLUS COPYRIGHT 2005 ACS on STN  
 ACCESSION NUMBER: 2004:872768 HCAPLUS  
 DOCUMENT NUMBER: 141:366642  
 TITLE: Method of chemically modifying chemical compounds  
 using plasma treatment  
 INVENTOR(S): Karthauser, Joachim  
 PATENT ASSIGNEE(S): NKT Research & Innovation A/S, Den.  
 SOURCE: PCT Int. Appl., 58 pp.  
 CODEN: PIXXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004089855	A2	20041021	WO 2004-DK238	20040402
WO 2004089855	A3	20041118		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				

=&gt; d que 148

L13 STR



## NODE ATTRIBUTES:

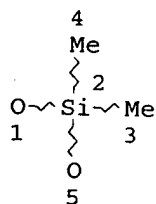
CONNECT IS E4 RC AT 3  
 DEFAULT MLEVEL IS ATOM  
 GGCAT IS LIN SAT AT 3  
 DEFAULT ECLEVEL IS LIMITED  
 ECOUNT IS E3 C AT 3

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 6

## STEREO ATTRIBUTES: NONE

L15 751 SEA FILE=REGISTRY SSS FUL L13  
 L18 STR



## NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

## GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 5

## STEREO ATTRIBUTES: NONE

L20 20456 SEA FILE=REGISTRY SSS FUL L18  
 L21 1 SEA FILE=REGISTRY ABB=ON PLU=ON DIMETHYLPOLYSILOXANE/CN  
 L22 18 SEA FILE=REGISTRY POLYLINK L21  
 L23 638 SEA FILE=REGISTRY ABB=ON PLU=ON (9016-00-6/CRN OR 117932-09-9/CRN OR 158158-00-0/CRN OR 178178-49-9/CRN OR 182010-99-7/CRN OR 25037-57-4/CRN OR 25084-99-5/CRN OR 25498-04-8/CRN OR 260055-37-6/CRN OR 31692-79-2/CRN OR 31900-57-9/CRN OR 32625-53-9/CRN OR 369371-00-6/CRN OR 40793-33-7/CRN OR 498573-42-5/CRN OR 498573-43-6/CRN OR 52848-36-9/CRN OR 65408-58-4/CRN OR 9016-00-6/CRN)  
 L24 656 SEA FILE=REGISTRY ABB=ON PLU=ON L21 OR L22 OR L23  
 L25 STR

OR POLYSILOX?)  
 L52 6551 SEA DIMETHYLSILOX? OR DIMETHYLPOLYSILOX? OR DIMETHYL(W) (SILOX?  
 OR POLYSILOX?)  
 L53 236 SEA (L50 OR L51) AND L52  
 L55 15 SEA L53 AND (MEDICAL OR CATHETER? OR FEEDING(2A) (TUBE OR  
 APPARAT? OR DEVIC?) OR STOMACH OR GASTRO?)  
 L56 38 DUP REM L48 L55 (0 DUPLICATES REMOVED)

=> d 156 bib abs 24-38

L56 ANSWER 24 OF 38 MEDLINE on STN  
 AN 93111057 MEDLINE  
 DN PubMed ID: 1471491  
 TI Intravitreal silicone and fluorosilicone oils: pathologic findings in  
 rabbit eyes.  
 AU Pastor J C; Lopez M I; Saornil M A; Refojo M F  
 CS Institute of Ophthalmobiology, University of Valladolid, Spain.  
 NC EY00327 (NEI)  
 SO Acta ophthalmologica, (1992 Oct) 70 (5) 651-8.  
 Journal code: 0370347. ISSN: 0001-639X.  
 CY Denmark  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199301  
 ED Entered STN: 19930212  
 Last Updated on STN: 19980206  
 Entered Medline: 19930125  
 AB The effects of medical-grade intraocular silicone and  
 commercial-grade fluorosilicone oils were studied in rabbit eyes. The  
 experimental model consisted of lensectomized and vitrectomized eyes that  
 did not undergo further treatment (Group 1), and three groups of  
 lensectomized and vitrectomized eyes that were injected intravitreally 3  
 months earlier with medical-grade silicone oil of 1000 cs (Group  
 3), and 10,000 cs (Group 4). The silicone oil-injected eyes developed  
 proliferative membranes. The fluorosilicone oil caused an intravitreal  
 inflammatory reaction with vacuolated macrophages present around the oil  
 that may have been due to the higher concentration of low-molecular-weight  
 components found in the oil.

L56 ANSWER 25 OF 38 WPIX COPYRIGHT 2005 THE THOMSON CORP on STN  
 AN 2003-644688 [61] WPIX  
 CR 2002-690358 [74]; 2003-391625 [37]; 2003-401345 [38]  
 DNC C2003-176138  
 TI Compliant cantilevered micromold used for replication or fabrication of  
 cantilevered micropart formed of, e.g. plastic, comprises compliant  
 polymeric material having cantilevered microscale features formed in it.  
 DC A13 A14 A28 A32 A88  
 IN DOMEIER, L A; GARINO, T J; GONZALES, M G; KEIFER, P N; MORALES, A M  
 PA (DOME-I) DOMEIER L A; (GARI-I) GARINO T J; (GONZ-I) GONZALES M G; (KEIF-I)  
 KEIFER P N; (MORA-I) MORALES A M  
 CYC 1  
 PI US 2003057096 A1 20030327 (200361)\* 17  
 ADT US 2003057096 A1 CIP of US 2001-765078 20010117, CIP of US 2002-52948  
 20020117, US 2002-222763 20020815  
 FDT US 2003057096 A1 CIP of US 6422528  
 PRAI US 2002-222763 20020815; US 2001-765078 20010117;  
 US 2002-52948 20020117

NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 5

STEREO ATTRIBUTES: NONE

L20 20456 SEA FILE=REGISTRY SSS FUL L18  
 L21 1 SEA FILE=REGISTRY ABB=ON PLU=ON DIMETHYLPOLYSILOXANE/CN  
 L22 18 SEA FILE=REGISTRY POLYLINK L21  
 L23 638 SEA FILE=REGISTRY ABB=ON PLU=ON (9016-00-6/CRN OR 117932-09-9  
 /CRN OR 158158-00-0/CRN OR 178178-49-9/CRN OR 182010-99-7/CRN  
 OR 25037-57-4/CRN OR 25084-99-5/CRN OR 25498-04-8/CRN OR  
 260055-37-6/CRN OR 31692-79-2/CRN OR 31900-57-9/CRN OR  
 32625-53-9/CRN OR 369371-00-6/CRN OR 40793-33-7/CRN OR  
 498573-42-5/CRN OR 498573-43-6/CRN OR 52848-36-9/CRN OR  
 65408-58-4/CRN OR 9016-00-6/CRN)  
 L24 656 SEA FILE=REGISTRY ABB=ON PLU=ON L21 OR L22 OR L23  
 L25 STR

4  
 Ph  
 {  
 {  
 Ph-Si~O  
 1 2 3

NODE ATTRIBUTES:  
 DEFAULT MLEVEL IS ATOM  
 DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:  
 RING(S) ARE ISOLATED OR EMBEDDED  
 NUMBER OF NODES IS 4

STEREO ATTRIBUTES: NONE

L27 52600 SEA FILE=REGISTRY SSS FUL L25  
 L28 20501 SEA FILE=REGISTRY ABB=ON PLU=ON L24 OR L20  
 L33 573 SEA FILE=HCAPLUS ABB=ON PLU=ON ?TRIFLUOROPROPYL? (2A) ?SILOXAN?  
 L34 16884 SEA FILE=HCAPLUS ABB=ON PLU=ON DIMETHYL(2A) (SILOXAN? OR  
 POLYSILOXAN?) OR DIMETHYLSILOXANE OR DIMETHYLPOLYSILOX?  
 L35 540 SEA FILE=HCAPLUS ABB=ON PLU=ON DIPHENYLSILOX? OR DIPHENYL  
 SILOX? OR DIPHENYLPOLYSILOX? OR DIPHENYL POLYSILOX?  
 L39 5957 SEA FILE=HCAPLUS ABB=ON PLU=ON FEEDING APPARATUS+PFT/CT  
 L41 34584 SEA FILE=HCAPLUS ABB=ON PLU=ON MEDICAL GOODS+PFT,NT/CT  
 L42 3014 SEA FILE=HCAPLUS ABB=ON PLU=ON "MEDICAL GOODS (L) CATHETERS"+  
 PFT/CT  
 L47 2393 SEA FILE=HCAPLUS ABB=ON PLU=ON (L28 OR L34) AND ((L15 OR L33  
 OR TRIFLUOROPROPYLSILOX? OR TRIFLUOROPOLYSILOX? OR L27 OR  
 L35))  
 L48 23 SEA FILE=HCAPLUS ABB=ON PLU=ON L47 AND ((L39 OR L41 OR L42)  
 OR FEEDING OR CATHETER OR FEED? (2A) (TUBE OR DEVICE OR APPARAT?)  
 )  
 L50 67 SEA TRIFLUOROPROPYLSILOX? OR TRIFLUORO PROPYL(W) (SILOX? OR  
 POLYSILOX?) OR TRIFLUOROPROPYL(W) (SILOX? OR POLYSILOX?) OR  
 TRIFLUOROPROPYLPOLYSILOX?  
 L51 356 SEA DIPHENYLSILOX? OR DIPHENYLPOLYSILOX? OR DIPHENYL(W) (SILOX?

=> dup rem l48 l55

FILE 'HCAPLUS' ENTERED AT 11:17:55 ON 19 JAN 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'MEDLINE' ENTERED AT 11:17:55 ON 19 JAN 2005

FILE 'WPIX' ENTERED AT 11:17:55 ON 19 JAN 2005

COPYRIGHT (C) 2005 THE THOMSON CORPORATION

PROCESSING COMPLETED FOR L48

PROCESSING COMPLETED FOR L55

L56 38 DUP REM L48 L55 (0 DUPLICATES REMOVED)

ANSWERS '1-23' FROM FILE HCAPLUS

ANSWER '24' FROM FILE MEDLINE

ANSWERS '25-38' FROM FILE WPIX

=> d qur l56

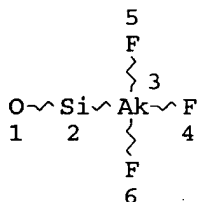
'QUR' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):end

=> d que l56

L13 STR



#### NODE ATTRIBUTES:

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DEFAULT MLEVEL IS ATOM

GGCAT IS LIN SAT AT 3

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS E3 C AT 3

#### GRAPH ATTRIBUTES:

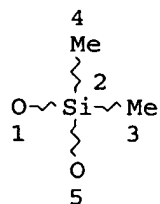
RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 6

#### STEREO ATTRIBUTES: NONE

L15 751 SEA FILE=REGISTRY SSS FUL L13

L18 STR



# Inventor Search

Lam 09/733,161

01/19/2005

L7 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2004:490836 HCAPLUS  
ENTRY DATE: Entered STN: 17 Jun 2004  
TITLE: Catheter with unitary component  
INVENTOR(S): Triebes, Thomas Gregory; Kenowski, Michael  
Allen; Mcmichael, Donald J.; Diviesti,  
Netty Dawn; Hill, Daniel Kermit  
PATENT ASSIGNEE(S): Kimberly-Clark Worldwide, Inc., USA  
SOURCE: PCT Int. Appl.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
INT. PATENT CLASSIF.:  
MAIN: A61M025-10  
SECONDARY: A61M031-00  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004050164	A1	20040617	WO 2003-US34278	20031029
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
PRIORITY APPLN. INFO.:			US 2002-306999	A 20021130

## PATENT CLASSIFICATION CODES:

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2004050164	ICM	A61M025-10
	ICS	A61M031-00

## ABSTRACT:

A unitary component having a tip portion integrally formed with an expandable sleeve portion. Other aspects of the present invention are related to a catheter incorporating a unitary component. Still other aspects of the present invention will be apparent upon reading the remainder of the disclosure.

L7 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN  
ACCESSION NUMBER: 2004:447843 HCAPLUS  
ENTRY DATE: Entered STN: 03 Jun 2004  
TITLE: Process for producing unitary component and a catheter having a unitary component  
INVENTOR(S): Triebes, Thomas Gregory; Kenowski, Michael  
Allen; Mcmichael, Donald J.; Diviesti,  
Netty Dawn; Hill, Daniel Kermit  
PATENT ASSIGNEE(S): USA  
SOURCE: U.S. Pat. Appl. Publ.  
CODEN: USXXCO  
DOCUMENT TYPE: Patent